

Modified lift cart

Description

King Extrusions Limited, in Everett, WA manufactures plastic parts for window and door frames. Dies are switched out of the extrusion machines depending on the job order. An employee customized a regular utility cart by adding an automotive jack, creating a height adjustable section to the cart. The lift platform is adjusted to an appropriate height to allow the easy changing out of one die for another, using the cart to support the heavy load rather than the worker having to lift/hold/or carry the die. It also may help in reducing sustained muscle load of the arms and lower back. Workers liked the cart so much that they have modified several other carts in-house.



Heavy metal dies weigh up to 70 lbs. The cart is supporting the die.



The cart is small enough to allow close maneuvering around the machines.

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